

Manufacturers' Shipments, Inventories, and Orders

FEBRUARY 1981

M3-1(81)-2

For Wire Transmission 2:30 P.M. E.S.T. Tuesday, March 31, 1981



U.S. Department of Commerce
BUREAU OF THE CENSUS

(All figures in text below are in seasonally adjusted current dollars.)

New orders for manufactured goods in February were valued at \$161.3 billion, down \$0.8 billion or 0.5 percent from January. New orders for durable goods for February totaled \$81.5 billion, virtually unchanged from January. New orders for nondurable goods, where approximately 80 percent of new orders directly reflect shipments for the month, were down \$0.9 billion or 1.1 percent to \$79.9 billion.

For the durable goods industries, increases in new orders for primary and fabricated metal products were offset by declines in the nonelectrical machinery and transportation equipment industries. Within the primary metals category, steel orders were up \$0.9 billion or 17.5 percent to \$6.1 billion. Despite this large increase, the volume of steel orders was below the high for 1980 of \$7.2 billion reported last October. Nonferrous primary metals were up \$0.5 billion or 10 percent to \$5.1 billion. The decline in nonelectrical machinery orders of \$1.2 billion or 7.1 percent to \$15.4 billion was widespread throughout the industry. The decline in the transportation equipment industry of \$0.8 billion or 5.2 percent to \$15.3 billion was caused by the aircraft industry where a decrease of \$1.5 billion or 27 percent more than offset increases in all of the other transportation industries.

New orders for the nondefense capital goods industries as a group fell \$4.0 billion or 16.2 percent to \$20.5 billion in February. This is the largest one month decline in that category since an 18.3 percent decline in July of 1971. New orders for defense capital goods, although volatile on a month-to-month basis, continued to increase in volume. February defense orders were valued at \$5.5 billion, up \$1.3 billion or 32 percent. This large increase followed a January decline of 28 percent and a December increase of 31 percent.

Shipments of manufactured goods in February declined \$0.4 billion or 0.2 percent to \$160.8 billion as decreases in the non-

durable goods industries more than offset the increases in durable goods industries. Shipments by chemical, food, petroleum, and rubber and plastics products manufacturers all showed declines.

The increases in shipments of durable goods manufacturers were scattered and relatively small. Within the transportation equipment category, the motor vehicle and parts industry reported its first increase since October, going up \$0.3 billion or 3.0 percent to \$9.3 billion.

Manufacturers' backlog of orders showed a small increase in February of \$0.5 billion or 0.2 percent to \$292.2 billion. The increase in the backlog of orders of electrical machinery manufacturers of \$0.7 billion or 1.7 percent to \$41.2 billion was partially offset by declines in the primary metals and transportation equipment categories.

The book value of manufacturers' inventories in February increased \$2.8 billion or 1.1 percent to \$251.2 billion, following a January increase of 1.6 percent. Unlike January, nondurable goods manufacturers showed a larger increase than durable goods producers. More than half of the \$1.6 billion or 1.9 percent increase in nondurable goods inventories in February was accounted for by the chemicals and petroleum industries. The only significant inventory increase in a durable goods category occurred in the steel industry where the book value increased 2.4 percent. The inventory to shipments ratio in February stood at 1.56, as compared to 1.54 in January and 1.53 in December.

The figures on the durable goods industries in this report supersede those issued earlier in the advance report on durable goods. The present report is based on more complete reporting, but the estimates are also considered preliminary. Final figures will appear as historical data in the report to be published for next month. The advance report on durable goods for March is scheduled for release on April 21, 1981, and the full report is scheduled for release on April 30, 1981.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell, (301) 763-2502.

For sale by Customer Services (DUSD) Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.60 per year.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC	Industry	(Millions of dollars)											
		Seasonally adjusted						Not seasonally adjusted ¹					
		Monthly			Quarterly			Monthly					
		Jan. 1981 ^r	Dec. 1980	Nov. 1980	IV 1980	III 1980	II 1980	Last 4 months			Last 4 months a year ago		
		Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	IV 1980	III 1980	Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	Dec. 1979	Nov. 1979
TOTALS													
	All manufacturing industries.....	160,782	161,148	159,323	157,722	473,742	445,085	426,684	148,161	152,455	156,659	139,658	143,286
	Manufacturing industries excluding transportation.....	145,230	145,806	143,486	141,605	425,355	400,510	386,151	134,266	137,444	140,121	125,698	127,976
	Manufacturing industries with unfilled orders.....	83,818	83,065	82,642	82,133	246,411	231,534	224,205	75,498	79,659	81,486	73,071	74,937
	Durable goods industries.....	80,819	80,259	80,027	79,741	239,265	221,172	210,706	80,697	72,215	78,679	70,187	72,706
	Durable goods with unfilled orders.....	67,703	67,169	66,896	66,411	199,297	185,402	179,104	67,683	64,525	65,590	59,377	60,066
	Nondurable goods industries.....	79,963	80,889	79,296	77,981	234,477	223,913	215,978	80,952	75,946	77,980	69,442	70,580
	Nondurable goods with unfilled orders.....	16,115	15,896	15,746	15,722	47,114	46,132	45,101	16,304	15,134	15,902	14,013	14,871
MARKET CATEGORIES													
	Home goods and apparel.....	12,023	11,682	11,251	11,406	34,306	32,790	31,961	10,020	9,914	11,984	9,918	11,237
	Consumer staples.....	28,010	28,547	29,038	27,911	84,911	83,855	77,929	26,700	28,592	28,377	24,179	26,341
	Equipment and defense products, except automotive.....	23,157	23,442	22,771	22,894	68,430	66,300	64,298	20,963	23,589	22,196	18,938	21,743
	Automotive.....	11,335	10,969	11,478	11,599	34,916	31,439	27,309	10,156	10,026	11,900	9,537	11,482
	Construction materials, supplies, and intermediate products.....	13,657	13,703	13,613	13,370	40,249	35,992	33,546	11,299	12,356	13,062	11,423	12,543
	Other materials, supplies, and intermediate products.....	72,600	72,805	71,172	70,542	210,930	194,460	191,661	69,023	67,978	69,140	61,118	62,216
SUPPLEMENTARY SERIES²													
	Household durable goods indus- tries.....	5,329	5,149	5,009	4,998	15,219	14,501	13,928	4,389	4,640	5,202	4,384	4,957
	Capital goods industries.....	25,890	26,129	25,498	25,716	76,832	73,869	72,176	23,496	26,432	25,284	21,645	22,434
	Nondefense.....	21,987	22,443	21,772	21,858	65,472	63,294	62,015	22,377	20,134	22,456	21,497	19,344
	Defense.....	3,903	3,686	3,726	3,858	11,360	10,575	10,161	3,913	3,976	3,787	2,809	3,090
INDUSTRY GROUPS AND INDUSTRIES													
	Durable goods industries:												
32	Stone, clay, and glass	4,621	4,536	4,567	4,383	13,235	12,281	11,550	4,232	3,968	4,331	3,858	4,132
322	Glass containers.....	426	422	412	398	1,212	1,224	1,113	407	374	381	355	354
33	Primary metals.....	12,435	12,530	12,586	12,284	36,667	32,184	31,392	11,663	11,305	11,515	12,944	11,203
331	Blast furnaces, steel mills.....	6,205	6,205	6,635	6,286	18,697	14,221	14,353	5,926	5,819	5,733	5,922	5,321
333-9	Nonferrous and other primary metals.....	5,128	5,175	4,863	4,905	14,712	15,135	14,074	5,153	4,518	4,709	5,495	4,809
34	Fabricated metal products.....	10,022	9,818	10,233	9,944	30,078	26,892	25,981	8,846	9,573	9,742	8,568	9,031
341	Metal cans, barrels, and drums.....	870	851	895	797	2,505	2,360	2,387	692	708	668	718	714
35	Machinery, except electrical....	15,285	15,562	14,729	14,650	44,128	42,099	40,734	14,153	14,922	13,997	13,742	12,527
351	Engines and turbines.....	1,231	1,356	1,135	1,184	3,522	3,297	3,266	1,310	1,138	1,108	1,122	1,006
352	Farm machinery and equipment....	1,120	1,196	1,145	1,169	3,479	3,076	3,076	1,194	1,281	947	984	828
353	Construction, mining, and material-handling equipment....	2,753	2,764	2,676	2,448	7,697	7,658	7,676	2,822	2,478	2,318	2,502	2,279
354	Metalworking machinery.....	978	931	948	972	2,903	2,584	2,617	1,018	1,007	937	767	841
356	General industrial machinery....	1,194	1,142	1,226	1,216	3,722	3,584	3,529	1,226	1,242	1,169	1,251	1,098

See footnotes at end of table.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued
(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹										
		Monthly			Quarterly	Monthly											
		Feb. 1981 ²	Jan. 1981 ²	Dec. 1980	Nov. 1980	IV 1980	III 1980	II 1980	Last 4 months				Last 4 months a year ago			Annual	
									Feb. 1981 ²	Jan. 1981 ²	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980	Dec. 1979		Nov. 1979
	INDUSTRY GROUPS AND INDUSTRIES-- Continued																
	Durable goods and industries-- Continued																
36	Electrical machinery.....	10,943	10,681	10,384	10,813	31,944	30,742	29,819	11,085	9,784	10,375	10,952	10,617	9,204	123,390	110,713	1979
361,2	Electrical transmission and distribution equipment and industrial appliances.....	1,717	1,650	1,845	1,829	5,447	5,142	5,028	1,835	1,572	1,745	1,803	1,883	1,609	19,915	19,915	
363	Household appliances.....	1,272	1,302	1,179	1,231	3,648	3,294	3,050	1,253	1,095	1,085	1,158	1,164	1,077	20,984	20,984	
365	Radio and TV.....	891	827	733	805	2,314	2,212	1,886	695	681	755	962	711	520	12,814	12,814	
366	Communication equipment.....	3,271	3,171	3,020	3,185	9,435	9,418	9,256	3,266	2,926	3,141	3,151	3,145	2,998	36,995	32,143	
367	Electronic components.....	1,917	1,835	1,825	1,908	5,615	5,518	5,499	1,948	1,756	1,810	1,934	1,826	1,608	21,973	21,973	
37	Transportation equipment.....	15,552	15,342	15,837	16,117	48,387	44,575	40,533	13,952	13,895	15,011	16,538	16,274	13,960	179,187	179,187	
371	Motor vehicles and parts.....	9,334	9,061	9,607	9,679	29,222	26,243	22,722	9,661	8,568	8,487	10,144	10,224	8,832	106,030	129,364	
372,6	Aircraft, missiles, and parts.....	4,282	4,489	4,508	4,685	13,962	12,942	12,550	4,417	3,798	4,791	4,711	3,999	3,219	51,134	43,804	
3731	Shipbuilding and military tank vehicles.....	879	842	773	748	2,212	2,459	2,459	831	736	873	760	798	769	9,738	8,693	
3795	Instruments and related products.....	3,783	3,691	3,735	3,629	10,984	10,463	9,944	3,651	3,324	3,714	3,759	3,485	3,030	42,026	36,253	
38	Scientific and engineering... photographic goods.....	2,127	2,139	2,207	2,102	6,370	5,994	5,734	2,110	2,019	2,167	2,098	1,993	1,837	24,156	21,082	
381-4		1,457	1,372	1,329	1,356	4,077	3,946	3,693	1,348	1,145	1,377	1,483	1,304	1,151	15,750	12,757	
24	All other durable goods industries.....	8,178	8,099	7,956	7,921	23,842	21,936	20,753	7,839	6,791	7,185	7,845	7,709	6,832	89,843	90,885	
25																	
26																	
261-3																	
265																	
264																	
28																	
281,6																	
20	Food and kindred industries:	21,894	22,278	22,378	22,115	66,318	65,186	59,809	22,152	20,963	22,204	22,427	20,391	18,903	232,071	234,828	
201	Meat products.....	5,403	5,479	5,467	5,467	16,429	15,499	13,566	5,317	5,359	5,522	5,429	4,905	4,770	60,124	62,002	
208	Beverages.....	2,644	2,576	2,495	2,520	7,652	8,190	7,739	2,329	2,128	2,265	2,363	2,248	2,114	27,659	27,659	
207	Fats and oils.....	9,139	9,343	9,552	9,321	27,991	27,351	25,330	9,642	8,726	9,638	9,336	8,664	7,998	19,322	19,322	
203-6,9	All other foods.....	1,229	1,196	1,264	1,171	3,666	3,344	3,344	1,140	1,146	1,281	1,206	1,061	1,002	105,775	93,878	
21	Tobacco products.....	4,386	4,273	3,995	4,060	12,082	11,924	12,124	4,319	3,886	3,824	4,138	4,258	3,814	13,784	12,173	
22	Textile mill products.....	6,257	6,191	6,201	6,005	18,261	17,791	17,239	6,376	5,824	5,720	5,926	5,969	5,705	46,992	46,992	
26	Paper and allied products.....	2,992	2,892	2,969	2,854	8,632	8,358	8,217	3,004	2,734	2,773	2,819	2,813	2,583	70,991	66,033	
261-3	Pulp, paper, etc.....	1,674	1,406	1,395	1,335	4,086	3,867	3,867	1,281	1,323	1,264	1,319	1,381	1,302	33,462	30,165	
265	Paperboard containers.....	1,791	1,893	1,837	1,816	5,543	5,366	5,155	1,891	1,767	1,683	1,788	1,775	1,820	14,557	14,557	
264	All other paper products.....	14,903	15,286	15,589	14,121	43,871	39,699	38,234	15,230	14,146	14,301	13,359	13,837	12,918	121,311	121,311	
28	Chemicals and allied products, except pigments.....	5,343	5,227	5,256	4,803	15,050	13,200	13,134	5,572	4,956	4,951	4,554	5,010	4,658	56,003	51,793	
281,6	Drugs, soap, and toiletries.....	3,721	4,038	3,678	3,678	11,838	11,802	10,968	3,799	3,815	4,020	3,608	3,608	3,427	45,303	40,147	
289,29	Petroleum and coal products.....	16,674	16,964	15,361	15,590	45,989	42,639	43,724	16,980	16,844	15,748	15,565	14,568	13,827	175,533	134,041	
30	Rubber and plastics products, n.e.c.....	3,436	3,664	3,574	3,810	11,180	11,088	10,236	3,485	3,330	3,239	3,694	3,930	3,677	43,995	44,742	
23	All other nondurable goods industries.....	11,184	11,037	10,934	11,109	33,110	32,044	31,268	11,270	9,807	10,085	11,665	10,602	9,596	128,272	116,234	
31																	

¹Preliminary, ²Revised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.
Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.
Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordinance.
Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted										Not seasonally adjusted ¹									
		Monthly					Quarterly					Monthly									
		Seasonally adjusted					Quarterly					Monthly									
		Feb. 1981P	Jan. 1981P	Dec. 1980	Nov. 1980	IV 1980	III 1980	II 1980	I 1980	Feb. 1981P	Jan. 1981P	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980	Dec. 1979	Nov. 1979	1980	1979	Annual	
TOTALS																					
	All manufacturing industries.....	161,316	162,090	162,157	158,775	478,986	449,546	420,815				163,436	152,101	154,798	155,859	156,942	145,943	142,086	144,297	1,809,772	1,732,015
	Manufacturing industries excluding transportation.....	145,989	145,926	144,988	142,818	430,853	401,522	376,313				148,147	136,388	138,645	140,256	140,810	129,982	126,056	127,956	1,620,580	1,513,492
	Manufacturing industries with unfilled orders.....	84,352	84,007	85,476	83,186	251,655	235,995	218,336				85,774	79,438	82,002	80,686	84,197	79,385	75,818	75,948	952,681	933,031
	Durable goods industries.....	81,453	81,336	82,654	81,047	244,394	225,417	206,198				82,357	76,042	78,431	78,070	82,230	76,232	73,106	73,197	914,731	926,580
	Durable goods with unfilled orders.....	68,337	68,246	69,523	67,717	204,426	189,647	174,596				69,343	64,552	66,903	64,975	68,704	64,559	62,136	60,557	769,079	761,533
	Nondurable goods industries.....	79,863	80,754	79,503	77,728	234,592	224,129	214,617				81,079	76,059	76,367	77,789	74,712	69,711	68,980	71,100	895,041	805,435
	Industries with unfilled orders.....	16,015	15,761	15,953	15,469	47,229	46,348	43,740				16,431	14,886	15,099	15,711	15,493	14,826	13,682	15,391	183,602	171,502
	Industries without unfilled orders.....	63,848	64,993	63,550	62,259	187,363	177,781	170,877				64,648	61,173	61,268	62,078	59,219	54,885	55,298	55,709	711,439	633,933
MARKET CATEGORIES																					
	Home goods and apparel.....	12,347	11,821	11,249	11,359	34,143	32,675	31,466				12,303	10,167	9,781	11,708	11,676	9,935	9,479	10,868	132,744	126,005
	Consumer staples.....	28,006	28,558	29,046	27,897	84,890	83,844	77,952				28,076	26,773	28,592	28,356	26,020	24,233	26,060	26,317	324,792	298,939
	Equipment and defense products, except automotive.....	23,745	25,848	25,073	23,121	70,708	68,499	66,295				23,636	24,058	25,886	21,347	22,266	22,236	23,988	20,849	275,139	258,447
	Automotive equipment.....	11,473	11,026	11,546	11,760	35,379	31,503	25,655				11,609	10,398	10,066	12,140	12,101	10,364	9,410	11,039	125,609	149,571
	Construction materials, supplies, and intermediate products.....	13,530	13,551	13,666	13,158	40,376	35,450	33,196				12,628	11,397	12,382	12,873	12,374	10,836	11,660	12,307	146,812	149,383
	Other materials, supplies, and intermediate products.....	72,215	71,286	71,577	71,480	213,490	197,326	186,251				75,184	69,308	68,091	69,435	72,505	68,339	61,489	62,917	804,676	749,670
SUPPLEMENTARY SERIES²																					
	Household durable goods industries.....	5,646	5,322	5,005	4,873	14,959	14,347	13,633				5,643	4,533	4,559	4,880	5,270	4,434	4,194	4,561	58,385	55,939
	Capital goods industries.....	26,057	28,706	27,498	26,302	78,326	77,178	75,478				26,403	27,171	27,889	24,462	25,753	25,823	26,420	24,221	310,613	299,216
	Nondefense.....	20,537	24,513	21,673	21,849	64,140	61,839	61,705				21,289	22,701	22,026	20,327	22,413	22,277	22,571	20,447	255,638	259,721
	Defense.....	5,520	4,193	5,825	4,453	14,186	15,339	13,773				5,114	4,470	5,863	4,135	3,340	3,546	3,849	3,774	55,025	39,495
INDUSTRY GROUPS AND INDUSTRIES																					
	Durable goods industries:	4,637	4,671	4,496	4,379	13,261	12,131	11,184				4,256	3,806	3,922	4,278	3,904	3,914	3,562	4,072	49,186	48,145
32	Stone, clay, and glass.....	12,317	10,977	12,889	13,029	39,673	34,777	27,000				13,418	11,247	12,183	12,100	14,193	13,669	10,903	10,932	138,680	142,882
33	Primary metals.....	6,120	5,208	6,784	7,071	21,038	16,620	11,361				7,048	5,669	6,169	6,540	6,812	6,180	4,654	5,174	65,461	69,121
333-5, 9	Blast furnaces, steel mills, metal products, and other primary metal products.....	5,142	4,674	5,008	4,872	15,358	15,436	13,267				5,322	4,551	5,016	4,481	6,154	6,227	5,205	4,675	61,144	59,802
34	Fabricated metal products.....	10,004	9,705	10,514	9,884	30,519	26,046	25,271				9,773	8,929	9,754	9,614	9,986	8,330	8,964	8,758	110,702	111,622
35	Machinery, except electrical.....	15,374	16,545	15,100	14,822	44,728	41,925	37,437				16,026	15,245	15,021	13,985	14,945	14,153	13,802	13,093	167,648	163,304
351	Engines and turbines.....	1,241	1,710	956	1,323	3,589	3,298	2,911				1,301	1,444	1,157	1,102	1,090	1,169	1,081	888	13,208	13,174
353	Construction, mining, and material-handling equipment.....	3,107	3,171	3,016	2,505	8,420	7,745	6,766				3,194	3,056	2,916	2,332	3,108	2,977	2,734	2,228	31,887	32,301
354	Metallworking machinery.....	747	1,000	953	764	2,568	2,254	2,411				804	769	901	749	1,126	982	867	951	10,562	11,486
356	General industrial machinery.....	1,077	1,381	1,173	1,226	3,633	3,237	2,867				1,185	1,269	1,128	1,184	1,195	1,195	977	1,096	13,453	13,491

See footnotes at end of table.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued
(Millions of dollars)

SIC	Industry	Seasonally adjusted						Not seasonally adjusted ¹										
		Monthly			Quarterly			Monthly						Annual				
		Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	IV 1980	III 1980	II 1980	Last 4 months			Last 4 months a year ago			1980	1979		
									Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980			Dec. 1979	
	INDUSTRY GROUPS AND INDUSTRIES-- Continued																	
	Durable goods industries-- Continued																	
36	Electrical machinery.....	11,643	11,420	10,565	11,459	33,122	30,444	30,700	11,855	10,831	10,344	11,094	11,680	10,062	9,837	9,387	127,506	115,785
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,821	1,860	1,905	1,750	5,506	4,969	5,369	1,970	1,882	1,744	1,665	2,048	1,647	1,519	1,644	21,330	20,653
363	Household appliances.....	1,304	1,259	1,158	1,240	3,601	3,439	3,073	1,310	1,116	1,082	1,121	1,176	1,090	1,057	1,000	13,602	12,758
365	Radio and TV.....	1,009	863	785	672	2,189	2,234	1,907	1,022	688	815	765	845	500	587	622	8,468	7,445
366	Communication equipment.....	3,608	3,766	3,348	3,900	10,780	9,712	10,029	3,535	3,597	3,432	3,623	3,527	3,115	3,282	2,693	40,922	34,076
367	Electronic components.....	1,997	1,695	1,619	2,020	5,564	4,950	5,276	2,108	1,720	1,485	1,963	2,194	1,926	1,660	1,614	21,845	20,416
37	Transportation equipment.....	15,327	16,164	17,169	15,957	48,133	48,024	44,502	15,289	15,713	16,153	15,603	16,132	15,961	16,030	16,341	189,192	216,523
372,6	Aircraft, missiles, and parts.....	4,008	5,467	4,997	4,624	12,907	14,748	19,574	3,669	5,327	5,336	3,847	4,130	5,547	6,286	5,158	62,897	65,796
3731	Shipbuilding and military tank vehicles.....	1,059	856	1,689	636	3,041	4,457	2,427	1,058	999	1,513	634	732	744	989	700	12,415	8,964
3795	Instruments and related products.....	3,819	3,763	3,909	3,600	11,090	10,401	9,779	3,683	3,343	3,944	3,641	3,630	3,251	3,359	3,244	42,380	37,149
38	All other durable goods industries.....	8,332	8,291	8,002	7,917	23,868	21,669	20,325	8,057	6,928	7,110	7,755	7,760	6,892	6,649	7,370	89,437	91,170

^pPreliminary. ^rRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture: kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; optical goods, watches, and clocks; and miscellaneous personal goods.
Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old aeries) categories.
Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.
Defense products--Based on separate reports on defense work filled by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.
The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 3. VALUE OF MANUFACTURERS' UNFILED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES
(Millions of dollars)

SIC	Industry	Seasonally adjusted												Not seasonally adjusted ¹											
		Monthly						Quarterly						Monthly						Last 4 months a year ago					
		Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	III 1980	II 1980	I 1980	IV 1979	III 1979	Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980	Dec. 1979	Nov. 1979							
	TOTALS																								
	All manufacturing industries.....	292,209	291,677	290,735	287,907	285,497	281,044	286,907	279,710	273,033	294,095	292,313	288,372	286,027	286,671	283,465	277,153	274,721							
	Manufacturing industries excluding transportation.....	178,809	178,050	177,930	176,434	172,439	171,433	181,265	176,804	174,193	179,490	177,046	174,923	173,720	181,261	177,912	173,713	173,347							
	Durable goods industries.....	281,456	280,825	279,746	277,124	274,622	270,383	274,884	267,879	261,742	283,256	281,600	277,772	275,393	274,931	271,821	265,777	263,015							
	Nondurable goods industries.....	10,753	10,852	10,989	10,783	10,875	10,661	12,023	11,831	11,291	10,839	10,713	10,600	10,634	11,740	11,644	11,376	11,706							
	MARKET CATEGORIES																								
	Home goods, apparel and consumer staples.....	4,404	4,084	3,934	3,928	4,120	4,247	4,717	4,630	4,966	4,234	3,847	3,627	3,761	4,459	4,295	4,223	4,515							
	Equipment and defense products, except automotive.....	167,595	166,872	164,410	162,043	161,670	159,412	159,073	154,999	150,912	168,562	168,157	164,819	162,481	158,597	158,416	155,241	153,125							
	Construction materials, supplies, and intermediate products.....	19,731	19,859	20,009	19,957	19,883	20,423	20,771	20,910	21,130	19,793	19,863	19,765	19,738	20,603	20,391	20,648	20,611							
	Other materials, supplies, and intermediate products.....	100,479	100,862	102,382	101,979	99,824	96,962	102,346	99,171	96,026	101,506	100,446	100,161	100,047	103,012	100,363	97,041	96,670							
	SUPPLEMENTARY SERIES ²																								
	Household durable goods indus- tries.....	3,462	3,144	2,971	2,975	3,233	3,387	3,680	3,475	3,923	3,293	2,891	2,748	2,830	3,431	3,240	3,199	3,385							
	Capital goods industries.....	196,359	196,194	193,616	191,621	192,126	188,821	185,519	179,310	172,754	197,571	197,462	193,785	192,328	184,180	183,532	179,356	177,142							
	Nondefense.....	133,636	135,087	133,017	133,120	134,355	135,810	136,118	131,819	126,755	134,294	135,385	132,815	133,245	135,561	135,004	131,567	129,800							
	Defense.....	62,723	61,107	60,599	58,501	57,771	53,011	49,401	47,492	46,000	63,277	62,077	60,970	59,083	48,619	48,528	47,789	47,342							
	INDUSTRY GROUPS AND INDUSTRIES																								
	Durable goods industries:																								
22	Stone, clay, and glass.....	2,529	2,514	2,578	2,649	2,553	2,702	3,066	2,917	3,080	2,524	2,499	2,453	2,499	2,981	2,935	2,778	2,792							
32	Primary metals.....	29,067	29,185	30,738	30,425	27,731	25,139	29,528	29,962	30,276	29,907	29,020	29,435	28,557	31,449	30,199	28,737	28,534							
331	Blast furnaces, steel mills..	18,014	18,100	19,097	18,948	16,756	14,358	17,349	18,007	18,877	18,609	17,828	18,085	17,735	18,537	17,646	17,071	17,344							
333-6,9	Nonferrous and other primary metal products.....	9,053	9,038	9,539	9,394	8,892	8,591	9,397	9,334	8,861	9,288	9,120	9,263	8,764	10,100	9,795	9,063	8,608							
34	Fabricated metal products.....	27,486	27,505	27,338	27,338	27,178	28,027	28,737	28,382	27,976	27,459	27,503	27,423	27,241	28,370	27,954	28,193	27,836							
35	Machinery, except electrical...	58,187	58,097	57,116	56,747	56,519	56,695	59,994	58,779	57,585	58,198	57,764	56,671	56,570	60,045	59,759	58,343	58,279							
351	Engines and turbines.....	16,844	16,833	16,479	16,659	16,413	16,412	16,767	16,630	16,785	16,872	16,882	16,674	16,656	16,795	16,828	16,714	16,714							
353	Construction, mining, and material-handling equipment.	9,540	9,186	8,780	8,440	8,057	7,968	8,877	8,423	8,041	9,530	9,159	8,710	8,271	8,875	8,716	8,356	8,125							
354	Metalworking machinery.....	6,760	6,990	6,922	6,917	7,257	7,586	7,798	7,143	6,757	6,679	6,893	6,887	6,993	7,329	7,114	7,093	7,093							
356	General industrial machinery.	6,204	6,322	6,083	6,135	6,172	6,519	7,183	7,098	7,239	6,223	6,265	6,016	6,129	7,075	7,131	7,027	7,193							

See footnotes at end of table.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

SIC	Industry group	Seasonally adjusted						Not seasonally adjusted ¹										
		Monthly			Quarterly			Monthly										
		Feb. 1981P	Jan. 1981F	Dec. 1980	Nov. 1980	III 1980	II 1980	I 1980	IV 1979	III 1979	Feb. 1981P	Jan. 1981F	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980	Dec. 1979	Nov. 1979
	INDUSTRY GROUP AND INDUSTRIES-- (Continued)																	
	Durable goods Industries-- (Continued)																	
36	Electrical machinery.....	41,151	40,452	39,710	39,531	38,534	38,830	37,944	35,631	34,858	41,189	40,423	39,374	39,406	37,179	36,119	35,265	35,148
361, 2	Electrical transmission and distribution equipment and apparatus.....	8,197	8,094	7,883	7,823	7,825	8,000	7,657	7,531	7,418	8,214	8,080	7,770	7,771	7,626	7,462	7,423	7,438
363	Household appliances.....	421	390	433	434	480	333	310	364	407	446	390	368	372	354	322	310	316
364	Radio and TV.....	467	349	313	281	438	416	395	342	599	443	317	310	250	330	320	339	357
366	Communication equipment.....	20,937	20,600	20,004	19,677	18,659	18,365	17,592	16,123	15,803	21,071	20,803	20,131	19,840	17,102	16,721	16,209	16,111
367	Electronic components.....	10,115	10,034	10,174	10,380	10,225	10,792	11,014	10,308	9,644	10,034	9,874	9,910	10,235	10,727	10,359	10,040	9,944
37	Transportation equipment.....	113,400	113,627	112,805	111,473	113,058	109,611	105,642	102,906	98,840	114,605	115,267	113,449	112,307	105,410	105,553	103,440	101,374
372, 6	Aircraft, missiles, and parts.....	90,282	90,556	89,578	89,089	90,632	88,827	81,804	77,929	73,098	91,358	92,104	90,575	90,031	81,271	81,141	78,810	76,575
3731	Shipbuilding and military tank vehicles.....	14,226	14,046	14,032	13,116	13,203	11,205	11,237	11,297	11,146	14,231	14,005	13,742	13,102	10,975	11,060	11,064	11,023
3795	Instruments and related products.....	6,448	6,412	6,341	6,165	6,232	6,295	6,459	5,985	5,830	6,375	6,343	6,323	6,092	6,333	6,188	5,967	5,855
38	All other durable goods industries.....	3,188	3,033	2,841	2,796	2,817	3,084	3,514	3,317	3,297	2,999	2,781	2,644	2,721	3,164	3,114	3,054	3,197

P Preliminary.
R Revised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day or calendar-month variations; unfilled orders and inventories are of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries—Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods Industries—Comparable to the previous producers' capital goods and the defense products (old series) categories. Nondefense products—Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products—Based on separate reports on defense work filed by defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the M.A.I. "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries") for specified industries.

Beginning in 1976, the fiscal year for the Federal Government probably affected the awarding of contracts and other financial arrangements. Although the impact of this change is not known, the use of previously established seasonal factors would have substantially distorted the current data since these seasonal factors reflect historical purchasing patterns. Therefore, beginning in 1977, new composite seasonal factors were developed by combining the existing end of fiscal year information with data for the previous calendar quarter (i.e., one quarter preceding the end of the fiscal year). These composite factors were applied to the unfilled orders data for each of the separately tabulated defense industries. This adjustment also modified the new orders data. Similar adjustments could not be made for nondefense Government orders since such data are not compiled separately. This method of calculating the seasonal factors will be used until a sufficient amount of data are available to assess the impact of the change in the fiscal year on the seasonal pattern of the defense industries.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted						Not seasonally adjusted ¹											
		Monthly						Quarterly						Monthly					
		Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	III 1980	II 1980	I 1980	IV 1979	III 1979	Last 4 months			Last 4 months a year ago					
											Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980	Dec. 1979	Nov. 1979	
TOTALS																			
	All manufacturing industries.....	251,183	248,408	244,493	244,090	243,615	243,630	238,522	228,258	221,341	252,807	249,554	243,730	242,730	236,758	233,547	227,658	225,134	
	Manufacturing industries ex-																		
	cluding transportation.....	214,574	212,033	209,264	209,549	209,665	210,942	207,075	198,342	192,703	215,924	213,278	209,075	208,166	205,848	203,159	198,147	194,898	
	Manufacturing industries with																		
	unfilled orders.....	174,764	173,256	169,949	169,064	168,621	168,682	164,509	158,073	152,449	175,327	172,779	168,144	167,349	163,102	160,445	156,529	155,154	
	Durable goods industries.....	166,143	164,938	161,907	160,977	160,691	160,404	157,127	151,689	146,048	167,295	164,833	160,308	159,260	156,470	154,097	150,321	148,857	
	Durable goods with unfilled																		
	orders.....	155,524	154,244	151,325	150,428	150,081	149,701	146,068	140,633	135,537	156,251	154,040	149,895	149,177	145,121	142,947	139,439	138,341	
	Nondurable goods industries.....	85,040	83,470	82,586	83,113	82,924	83,226	81,395	76,569	75,293	85,512	84,721	83,422	83,470	80,288	79,450	77,337	76,277	
	Nondurable goods with unfilled																		
	orders.....	19,240	19,012	18,624	18,636	18,540	18,981	18,441	17,439	16,912	19,076	18,739	18,249	18,172	17,981	17,498	17,090	16,813	
MARKET CATEGORIES																			
	Home goods and apparel.....	18,505	18,297	18,118	17,880	17,845	18,286	18,168	17,584	17,459	18,372	17,978	17,464	17,064	17,712	17,496	16,960	16,634	
	Consumer staples.....	31,760	31,460	31,199	31,773	31,071	30,418	30,420	29,749	29,425	31,942	32,183	31,738	32,573	30,270	30,438	30,234	30,309	
	Equipment and defense products,																		
	except automotive.....	71,576	71,105	69,967	69,813	69,213	67,819	64,718	61,621	58,296	72,083	70,832	69,251	69,383	64,240	62,903	61,060	60,412	
	Automotive equipment.....	9,312	9,306	9,223	9,073	9,347	9,647	10,183	10,347	11,249	9,588	9,581	9,216	9,141	10,424	10,554	10,349	11,157	
	Construction materials, supplies,																		
	and intermediate products.....	20,206	20,109	20,035	19,704	19,649	19,954	20,166	19,646	18,943	20,692	20,183	19,725	19,104	20,036	19,581	19,348	18,861	
	Other materials, supplies, and																		
	intermediate products.....	99,824	98,131	95,951	95,847	96,490	97,506	94,867	89,311	85,970	100,130	98,797	96,336	95,465	94,076	92,575	89,647	87,761	
SUPPLEMENTARY SERIES																			
	Household durable goods indus-																		
	tries.....	9,240	9,170	9,155	9,002	9,058	9,267	9,311	9,180	8,852	9,221	9,006	8,854	8,710	9,218	9,088	8,880	8,670	
	Capital goods industries.....	80,647	80,034	78,209	78,117	77,401	75,370	72,177	68,640	64,996	80,914	79,554	77,292	77,687	71,378	69,906	67,927	67,429	
	Nondefense.....	68,039	67,585	66,171	66,284	66,091	64,782	62,102	59,178	56,443	68,351	67,283	65,510	65,962	61,793	60,457	58,666	58,231	
	Defense.....	12,608	12,449	12,038	11,833	11,310	10,588	10,075	9,462	8,553	12,563	12,261	11,782	11,725	9,585	9,449	9,261	9,198	
INDUSTRY GROUPS AND INDUSTRIES																			
	Durable goods industries:																		
32	Stone, clay, and glass products	6,198	6,128	6,067	5,994	5,920	6,141	5,987	5,643	5,436	6,403	6,190	5,955	5,743	5,938	5,723	5,541	5,385	
322	Glass containers.....	598	572	563	574	554	593	597	547	564	597	564	550	567	576	548	536	541	
33	Primary metals.....	21,326	21,023	20,285	20,148	20,187	20,884	20,387	19,803	19,033	21,382	21,325	20,634	20,162	20,427	20,390	20,153	19,354	
331	Blast furnaces, steel mills..	11,476	11,208	10,884	10,854	11,045	11,751	11,151	10,834	10,457	11,396	11,511	11,309	11,006	11,256	11,337	11,257	10,747	
333-6,	Nonferrous and other primary																		
9	metals.....	8,463	8,440	8,040	7,967	7,807	7,741	7,848	7,563	7,166	8,573	8,448	8,000	7,880	7,757	7,650	7,525	7,243	
34	Fabricated metal products.....	19,447	19,508	19,235	18,917	18,863	19,451	19,659	19,402	18,716	19,530	19,341	18,835	18,474	19,568	19,271	18,997	18,845	
341	Metal cans, barrels, and																		
	drums.....	1,503	1,526	1,468	1,372	1,267	1,439	1,502	1,554	1,397	1,520	1,467	1,286	1,165	1,548	1,494	1,360	1,317	
35	Machinery, except electrical....	39,017	38,637	38,352	38,691	39,107	38,940	37,609	36,624	35,527	39,439	38,769	38,227	38,332	37,959	37,428	36,530	36,018	
351	Engines and turbines.....	2,519	2,534	2,529	2,553	2,496	2,558	2,703	2,701	2,690	2,531	2,533	2,512	2,555	2,713	2,676	2,689	2,634	
352	Farm machinery and equipment.	2,852	2,805	2,822	2,947	3,154	3,195	3,114	3,108	2,913	3,029	2,870	2,811	2,773	3,264	3,182	3,096	2,846	
353	Construction, mining, and																		
	material-handling equipment.	8,246	8,294	8,206	8,562	8,589	8,739	8,308	8,150	8,099	8,436	8,394	8,345	8,425	8,503	8,506	8,289	8,255	
354	Metalworking machinery.....	2,512	2,457	2,476	2,512	2,560	2,544	2,436	2,314	2,238	2,525	2,466	2,459	2,529	2,403	2,378	2,298	2,256	
356	General industrial machinery.	3,735	3,716	3,670	3,654	3,715	3,725	3,671	3,650	3,520	3,761	3,743	3,626	3,610	3,727	3,653	3,606	3,523	

See footnotes at end of table.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted											
		Monthly		Quarterly			Monthly		Last 4 months a year ago									
		Feb. 1981 ^p	Jan. 1981 ^p	Dec. 1980	Nov. 1980	III 1980	II 1980	I 1980	IV 1979	III 1979	Feb. 1981 ^p	Jan. 1981 ^p	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980	Dec. 1979	Nov. 1979
INDUSTRY GROUPS AND INDUSTRIES--Continued	Durable goods industries--Continued	22,826	22,567	22,135	22,107	22,095	21,861	21,620	20,598	19,462	22,703	22,237	21,763	21,799	21,291	20,726	20,241	19,804
	Electrical machinery.....	4,003	3,923	3,904	3,867	3,955	3,982	3,868	3,770	3,637	3,997	3,918	3,888	3,838	3,912	3,813	3,758	3,720
	Distribution transmission and industrial apparatus.....	1,976	1,947	1,974	1,895	1,899	1,998	2,161	2,116	1,958	1,962	1,908	1,880	1,787	2,134	2,065	2,014	1,896
	Household appliances.....	1,157	1,139	1,095	1,045	1,059	1,084	1,053	1,095	970	1,119	1,084	1,058	1,024	976	974	1,005	954
	Radio and TV.....	8,717	8,691	8,437	8,558	8,426	7,992	7,761	7,095	6,588	8,717	8,577	8,437	8,550	7,507	7,301	7,021	6,903
	Communication equipment.....	3,521	3,459	3,475	3,404	3,383	3,386	3,240	3,099	2,897	3,511	3,428	3,348	3,359	3,216	3,110	3,068	2,976
	Electronic components.....	36,609	36,378	35,229	34,541	33,950	32,688	31,447	29,916	28,638	36,883	36,276	34,655	34,564	30,910	30,388	29,511	30,236
	Transportation equipment.....	7,461	7,338	7,287	7,167	7,401	7,485	7,827	8,012	8,872	7,598	7,551	7,251	7,303	7,965	8,097	8,812	8,812
	Motor vehicles and parts.....	24,567	24,422	23,502	22,844	22,136	20,589	19,049	17,417	15,549	24,731	24,171	23,066	22,710	18,423	17,783	17,102	16,883
	Aircraft, missiles, and parts																	
INDUSTRY GROUPS AND INDUSTRIES--Continued	Shipbuilding and military tank vehicles.....	2,756	2,690	2,577	2,595	2,383	2,386	2,130	2,165	2,034	2,651	2,579	2,430	2,627	2,044	2,060	2,052	2,221
	Instruments and related products.....	8,589	8,498	8,438	8,448	8,290	8,393	8,237	7,765	7,471	8,596	8,485	8,248	8,294	8,130	8,021	7,580	7,500
	Scientific and engineering.....	6,162	6,049	6,051	6,019	5,880	5,859	5,597	5,291	5,021	6,187	6,091	5,972	5,934	5,494	5,217	5,142	5,142
	Photographic goods.....	2,009	2,024	1,965	2,005	1,982	2,083	2,155	1,986	1,941	1,993	1,980	1,862	1,945	2,158	2,136	1,885	1,878
	All other durable goods industries.....	12,131	12,202	12,166	12,131	12,279	12,046	12,181	11,936	11,766	12,359	12,230	11,991	11,892	12,247	12,150	11,768	11,715
	Nondurable goods industries:	21,187	21,050	21,362	21,756	21,337	20,272	20,431	20,397	19,780	21,346	21,830	21,999	22,875	20,675	21,011	21,024	21,096
	Food and kindred products.....	2,030	2,074	2,079	2,161	2,181	2,781	2,851	2,927	2,757	2,846	2,865	2,819	2,789	2,909	2,959	2,869	2,896
	Meat products.....	3,735	3,831	3,860	3,776	3,738	3,869	3,830	3,845	3,672	3,836	3,900	3,900	3,780	3,887	3,796	3,830	3,745
	Beverages.....	1,888	1,925	2,035	2,284	2,321	1,764	1,627	1,913	1,718	2,031	2,105	2,271	2,356	2,070	2,134	2,141	2,100
	Fats and oils.....	11,625	11,371	11,706	11,770	11,706	11,152	11,333	10,999	10,975	11,625	11,962	12,147	12,617	11,152	11,462	11,538	11,708
All other foods.....	3,746	3,739	3,524	3,771	3,722	3,529	3,506	3,503	3,762	4,019	3,982	3,749	3,832	3,762	3,771	3,727	3,652	
Tobacco products.....	6,326	6,256	6,187	6,068	5,876	6,085	6,096	5,844	5,695	6,431	6,270	6,028	5,848	6,063	5,936	5,694	5,611	
Textile mill products.....	7,820	7,673	7,478	7,473	7,475	7,598	7,296	6,795	6,422	7,730	7,618	7,399	7,396	7,073	6,859	6,722	6,566	
Paper and allied products.....	2,798	2,775	2,656	2,707	2,755	2,656	2,435	2,319	2,143	2,783	2,735	2,650	2,687	2,408	2,352	2,313	2,236	
Pulp, paper, etc.....	2,059	2,003	1,925	1,879	1,903	2,030	1,980	1,909	1,834	2,021	1,979	1,877	1,854	1,933	1,899	1,863	1,830	
Paperboard containers.....	2,963	2,895	2,897	2,887	2,817	2,912	2,881	2,568	2,445	2,926	2,904	2,872	2,853	2,732	2,546	2,546	2,500	
All other paper containers.....	19,116	18,810	18,516	18,610	18,489	19,330	18,677	16,982	16,492	19,497	19,194	18,855	18,616	18,776	18,227	17,280	16,822	
Chemicals and allied products.....																		
INDUSTRY GROUPS AND INDUSTRIES--Continued	Industrial chemicals, except pigments.....	6,167	6,016	5,900	5,994	5,887	6,453	6,055	5,246	4,975	6,241	6,143	6,065	6,042	6,054	5,780	5,398	5,100
	Drugs, soap, and toiletries.....	5,881	5,788	5,676	5,793	5,664	5,707	5,531	5,333	5,210	5,811	5,742	5,653	5,764	5,422	5,361	5,312	5,307
	Petroleum and coal products.....	9,157	8,585	8,396	8,333	8,894	8,763	8,062	6,581	6,343	8,945	8,737	8,702	8,552	7,133	7,056	6,816	6,686
	Rubber and plastics products, n.e.c.....	4,661	4,498	4,474	4,393	4,470	4,817	4,954	4,777	4,940	4,774	4,579	4,505	4,276	4,964	4,970	4,804	4,698
	All other nondurable goods industries.....	13,027	12,859	12,649	12,709	12,661	12,832	12,373	11,690	11,859	12,770	12,511	12,185	12,077	11,842	11,620	11,270	11,146
	INDUSTRIES--Continued																	
	36																	
	361.2																	
	363																	
	365																	
366																		
367																		
37																		
371																		
372.6																		
3731																		
3795																		
38																		
381-4																		
386																		
24																		
25																		
39																		
20																		
201																		
208																		
207																		
203-6.9																		
21																		
22																		
26																		
261-3																		
265																		
264																		
28																		
281.6																		
283.4																		
29																		
30																		
23																		
27																		
31																		

^pPreliminary. Revised.

Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filled by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted											
	Monthly			Quarterly			Monthly						Last 4 months					
	Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	III 1980	II 1980	I 1980	IV 1979	III 1979	Feb. 1981 ^p	Jan. 1981 ^r	Dec. 1980	Nov. 1980	Feb. 1980	Jan. 1980	Dec. 1979	Nov. 1979	
TOTALS	251,183	248,408	244,493	244,090	243,615	243,630	238,522	228,258	221,341	252,807	249,554	243,730	242,730	236,758	233,547	227,658	225,134	
All manufacturing industries.....	166,143	164,938	161,907	160,977	160,691	160,404	157,127	151,689	146,048	167,295	164,833	160,308	159,260	156,470	154,097	150,321	148,857	
Durable goods industries.....	6,198	6,128	6,067	5,994	5,920	6,141	5,987	5,803	5,643	6,403	6,190	6,190	5,955	5,743	5,598	5,561	5,385	
Stone, clay, and glass products.....	21,326	21,023	20,285	20,148	20,187	20,884	20,387	19,803	19,033	21,382	21,325	20,634	20,427	20,427	20,390	20,153	19,354	
Primary metals.....	19,447	19,508	19,235	18,917	18,963	19,451	19,659	19,402	18,716	19,530	19,341	18,835	18,474	19,568	19,271	18,997	18,845	
Fabricated metals.....	39,017	38,637	38,352	38,691	39,107	38,940	37,609	36,624	35,527	39,439	38,749	38,227	37,959	37,959	37,428	36,530	36,018	
Nonferrous machinery.....	22,826	22,567	22,135	22,107	22,095	21,861	21,620	20,998	20,462	22,703	22,237	21,763	21,799	21,291	20,726	20,241	19,804	
Electrical machinery.....	36,609	36,375	35,229	34,541	33,950	32,688	31,447	29,916	28,638	36,883	36,276	34,655	34,564	30,910	30,388	29,511	30,236	
Transportation equipment.....	8,589	8,498	8,438	8,448	8,290	8,393	8,237	7,765	7,471	8,596	8,485	8,248	8,294	8,130	8,021	7,580	7,500	
Instruments and related products.....	12,131	12,202	12,166	12,131	12,279	12,046	12,181	11,936	11,766	12,359	12,230	11,991	11,892	12,247	12,150	11,768	11,715	
All other durable goods industries.....	85,040	83,470	82,586	83,113	82,924	83,226	81,395	76,569	75,293	85,512	84,721	83,422	83,470	80,288	79,450	77,337	76,277	
Chemicals and allied products.....	19,116	18,810	18,516	18,610	18,489	19,330	18,677	16,982	16,492	19,497	19,194	18,855	18,616	18,776	18,227	17,280	16,822	
Petroleum and coal products.....	9,157	9,085	8,936	8,833	8,894	9,763	8,062	6,581	6,343	9,345	9,137	8,702	8,552	7,133	7,056	6,816	6,686	
Rubber and plastics products, n.e.c.....	4,661	4,498	4,474	4,393	4,470	4,817	4,954	4,777	4,940	4,774	4,579	4,505	4,276	4,964	4,970	4,804	4,698	
All other nondurable goods industries.....	52,106	51,577	51,200	51,777	51,071	50,316	49,702	48,229	47,518	52,296	52,211	51,360	52,026	49,415	49,197	48,437	48,071	
MATERIALS AND SUPPLIES																		
All manufacturing industries.....	84,596	83,654	81,876	80,893	80,925	82,515	82,314	79,114	75,770	84,459	84,180	82,391	80,943	81,551	81,023	79,638	78,432	
Durable goods industries.....	51,020	50,788	49,507	48,841	49,007	50,177	50,347	48,857	46,417	50,671	50,852	49,600	48,759	49,924	49,712	48,963	48,321	
Stone, clay, and glass products.....	2,535	2,467	2,456	2,322	2,271	2,336	2,277	2,227	2,034	2,545	2,488	2,468	2,281	2,270	2,266	2,239	2,149	
Primary metals.....	8,607	8,541	8,046	7,906	8,090	8,194	7,919	7,411	6,988	8,488	8,456	8,398	8,130	7,850	7,909	7,742	7,464	
Fabricated metals.....	6,673	6,649	6,401	6,332	6,187	6,620	6,835	6,807	6,575	6,539	6,437	6,330	6,143	6,832	6,790	6,736	6,579	
Nonferrous machinery.....	10,757	10,832	10,846	10,990	10,998	11,114	10,963	10,732	9,918	10,733	10,822	10,877	10,850	10,989	10,788	10,476	10,476	
Electrical machinery.....	6,340	6,280	6,051	6,081	6,166	6,171	6,222	5,936	5,634	6,272	6,200	6,021	5,957	6,068	5,960	5,680	5,680	
Transportation equipment.....	8,693	8,682	8,415	7,929	7,770	8,321	8,501	8,301	8,044	8,701	8,715	8,171	8,083	8,160	8,132	8,144	8,363	
Instruments and related products.....	2,476	2,405	2,422	2,433	2,475	2,501	2,611	2,403	2,292	2,441	2,587	2,462	2,414	2,534	2,658	2,399	2,363	
All other durable goods industries.....	4,939	4,932	4,870	4,848	5,050	4,920	5,019	4,990	4,932	4,952	4,947	4,913	4,901	5,141	5,209	5,047	5,047	
Nonferrous goods industries.....	33,576	32,866	32,369	32,142	31,918	32,338	31,967	30,257	29,533	33,788	33,328	32,791	32,184	31,627	31,311	30,675	30,111	
Chemicals and allied products.....	7,280	7,078	7,078	6,846	6,702	6,843	6,943	6,069	5,874	7,290	7,172	7,098	6,874	6,571	6,375	6,088	6,129	
Petroleum and coal products.....	1,155	1,045	1,045	1,045	1,045	1,045	1,045	1,045	1,045	1,155	1,155	1,155	1,155	1,155	1,155	1,155	1,155	
Rubber and plastics products, n.e.c.....	1,868	1,778	1,778	1,590	1,571	1,825	1,847	1,709	1,704	1,808	1,769	1,775	1,566	1,766	1,852	1,758	1,700	
All other nondurable goods industries.....	22,273	21,965	21,575	21,715	21,489	21,728	21,338	20,750	20,004	22,555	22,327	21,960	21,751	21,473	21,383	21,129	20,437	
WORK IN PROCESS																		
All manufacturing industries.....	90,236	89,377	87,033	86,293	85,934	84,502	82,272	78,611	75,698	90,738	89,071	85,934	85,736	81,194	79,843	77,669	77,520	
Durable goods industries.....	76,943	76,207	74,060	73,733	73,209	71,891	69,585	66,837	63,810	77,500	75,943	73,073	73,124	68,958	67,808	65,997	65,591	
Stone, clay, and glass products.....	903	907	873	861	875	875	860	836	827	946	906	804	794	836	801	771	784	
Primary metals.....	7,511	7,359	6,949	6,989	6,919	7,398	6,936	7,003	6,704	7,561	7,430	6,935	6,860	6,888	6,897	7,012	7,788	
Fabricated metals.....	8,177	8,277	8,032	7,867	7,859	8,034	8,221	7,953	7,617	8,262	8,121	7,753	7,688	7,761	7,789	7,789	7,789	
Nonferrous machinery.....	17,980	17,741	17,409	17,481	17,706	17,716	17,451	16,952	16,407	18,152	17,883	17,355	17,505	17,499	17,405	16,908	16,792	
Nonferrous machinery.....	11,675	11,491	11,363	11,244	11,090	10,729	10,518	10,084	9,435	11,677	11,403	11,148	11,196	10,387	10,098	9,862	9,768	
Electrical machinery.....	23,950	23,792	22,748	22,663	22,149	20,469	19,155	17,832	16,647	24,090	23,528	22,499	22,495	18,910	18,524	17,693	17,740	
Transportation equipment.....	3,932	3,759	3,879	3,896	3,792	3,851	3,678	3,445	3,312	3,966	3,772	3,783	3,850	3,647	3,535	3,350	3,333	
Instruments and related products.....	2,795	2,881	2,787	2,732	2,743	2,819	2,766	2,662	2,561	2,846	2,894	2,788	2,736	2,673	2,611	2,596	2,596	
All other durable goods industries.....	13,293	13,170	12,973	12,560	12,725	12,611	12,687	11,774	11,888	13,238	13,128	12,861	12,612	12,236	12,035	11,672	11,929	
Chemicals and allied products.....	2,670	2,689	2,590	2,527	2,633	2,682	2,707	2,444	2,671	2,679	2,687	2,602	2,550	2,729	2,646	2,587	2,587	
Petroleum and coal products.....	3,096	2,848	2,734	2,511	2,616	2,445	2,367	2,048	1,854	3,018	2,805	2,705	2,540	2,094	2,090	2,056	2,056	
Rubber and plastics products, n.e.c.....	779	792	789	804	821	775	869	836	872	810	844	806	815	867	891	853	866	
All other nondurable goods industries.....	6,748	6,812	6,860	6,718	6,684	6,709	6,744	6,446	6,491	6,731	6,792	6,748	6,707	6,546	6,408	6,338	6,420	
FINISHED GOODS																		
All manufacturing industries.....	76,351	75,377	75,584	76,814	76,756	76,613	73,936	70,532	69,873	77,610	76,303	75,405	76,051	74,013	72,681	70,351	69,182	
Durable goods industries.....	38,180	37,943	38,340	38,403	38,475	38,336	37,195	35,994	35,821	39,124	38,038	37,635	37,377	37,588	36,577	35,361	34,945	
Stone, clay, and glass products.....	2,760	2,754	2,738	2,811	2,774	2,930	2,850	2,580	2,575	2,912	2,796	2,683	2,668	2,832	2,656	2,531	2,452	
Primary metals.....	5,123	5,129	5,290	5,178	5,292	5,532	5,379	5,379	5,245	5,535	5,233	5,301	5,172	5,689	5,584	5,399	5,102	
Fabricated metals.....	4,597	4,782	4,718	4,741	4,741	4,797	4,603	4,510	4,424	4,749								

Table 6. PERCENT CHANGES AND REVISION RATES OF MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

(Based on seasonally adjusted data)

Item and industry group	Percent changes							Revision rate ²		
	Month-to-month			Average monthly rates of change ¹				Year ago	Average monthly	
	Jan.- Feb. 1981	Dec. 1980- Jan. 1981	Nov.- Dec. 1980	Fourth quarter 1980	Third quarter 1980	Second quarter 1980	Mar. 1980- through Feb. 1981	Feb. 1980	Feb. 1980 through Jan. 1981	Feb. 1976-1980
Shipments:										
All manufacturing industries.....	-0.2	+1.1	+1.0	+1.4	+2.6	-1.9	+0.6	0.1	0.3	0.1
Durable goods industries.....	+0.7	+0.3	+0.4	+1.5	+3.5	-3.1	+0.5	0.2	0.3	0.3
Nondurable goods industries.....	-1.1	+2.0	+1.7	+1.3	+1.7	-0.7	+0.6	0.5	0.5	0.4
Inventories:										
All manufacturing industries.....	+1.1	+1.6	+0.2	+0.1	-	+0.7	+0.4	0.1	0.2	0.1
New orders:										
All manufacturing industries.....	-0.5	-	+2.1	+1.5	+3.9	-3.0	+0.5	0.1	0.3	0.2
Durable goods industries.....	+0.1	-1.6	+2.0	+1.5	+5.9	-5.0	+0.4	0.1	0.4	0.4
Nondurable goods industries.....	-1.1	+1.6	+2.3	+1.4	+1.9	-1.1	+0.6	0.4	0.4	0.3
Unfilled orders:										
Durable goods industries.....	+0.2	+0.4	+0.9	+0.6	+0.5	-0.5	+0.2	0.1	0.1	0.1

¹Method of calculation of these percentages for the quarter and the 12-month time intervals reflect compounded monthly growth rates.²The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

- Represents zero.

Table 7. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

Industry group	Inventories--shipments ratio				Unfilled orders--shipments ratio ¹ (months' backlog)			
	Feb. 1981	Jan. 1981	Dec. 1980	Nov. 1980	Feb. 1981	Jan. 1981	Dec. 1980	Nov. 1980
All manufacturing industries, total.....	1.56	1.54	1.53	1.55	3.49	3.51	3.52	3.51
Durable goods industries, total.....	2.06	2.06	2.02	2.02	4.16	4.18	4.18	4.17
Stone, clay, and glass products.....	1.34	1.35	1.33	1.37	0.60	0.61	0.62	0.66
Primary metals.....	1.71	1.68	1.61	1.64	2.34	2.33	2.44	2.48
Fabricated metals.....	1.94	1.99	1.88	1.90	3.00	3.07	2.96	2.99
Machinery, except electrical.....	2.55	2.48	2.60	2.64	4.11	4.04	4.20	4.21
Electrical machinery.....	2.09	2.11	2.13	2.04	3.76	3.79	3.82	3.66
Transportation equipment.....	2.35	2.37	2.22	2.14	13.26	13.31	12.83	12.61
Instruments and related products.....	2.27	2.30	2.26	2.33	1.70	1.74	1.70	1.70
Nondurable goods industries, total.....	1.06	1.03	1.04	1.07	0.67	0.68	0.70	0.69
Food and kindred products.....	0.97	0.94	0.95	0.98	(X)	(X)	(X)	(X)
Tobacco products.....	3.05	3.13	2.79	3.22	(X)	(X)	(X)	(X)
Textile mill products.....	1.44	1.46	1.55	1.49	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	1.25	1.24	1.21	1.24	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	1.28	1.23	1.19	1.32	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.55	0.51	0.55	0.53	(X)	(X)	(X)	(X)
Rubber and plastics products, n.e.c.....	1.36	1.23	1.25	1.15	(X)	(X)	(X)	(X)

(NA) Not available. P Preliminary. R Revised. (X) Not applicable.

¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels and drums; farm machinery and equipment; motor vehicle assembly operation; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

The following is a description of the survey and definitions used. These are provided to clarify the meaning of the items involved and do not represent any revisions from those definitions previously employed.

DESCRIPTION OF SURVEY

The Manufacturers' Shipments, Inventories, and Orders Survey (M3-1) provides monthly figures that are comparable to the annual totals published each year in the Annual Survey of Manufactures (ASM). The ASM is a probability sample of approximately 70,000 manufacturing establishments drawn from the most recent 5-year census universe of about 312,000 establishments. In the ASM, each manufacturing establishment provides data on employment, payrolls, shipments, cost of materials, capital expenditures, and inventories as well as other selected items. Until 1976, the ASM did not compile information on unfilled orders or new orders. Since the ASM is establishment based, it provides data for each of the 425 manufacturing industries in the Standard Industrial Classification (SIC) system and area data for industry groups.

The estimates presented in the M3 report are based on a sample panel of approximately 5,000 reporting units, consisting of virtually all manufacturing companies with 1,000 or more employees and additional medium-sized companies that strengthen the sample coverage in individual industry cells. The reporting unit for many medium- or single-line companies comprises all operations of the company. Many of the larger diversified companies file separate divisional reports for their operations in different industries, although this divisional reporting is not followed by all large companies.

Each reporting unit in the monthly panel is classified into one of 79 industry classifications for tabulation. Many of the reporting units included mixed industry activity even within the broad industry categories of the monthly survey. However, the survey estimating procedure assumes that the month-to-month changes of the reporting units classified in each industry category effectively represent the month-to-month movements of the establishments in the SIC industries which make up the category. This ratio estimating procedure is used for all items compiled in the survey except for new orders which is discussed separately below.

The M3 series is periodically benchmarked to the ASM for shipments and inventories. The most recent benchmark was for 1974 through 1976. In the absence of benchmark data for unfilled orders, levels were set in August 1962 based upon the ratio of unfilled orders to sales for companies reporting in the M3. These levels were reset as of December 1973. Historical data, 1967-1978, including the seasonally adjusted series, reflecting seasonal factors based on data through December 1978, are published in the M3-1.8 report issued in August 1979.

The M3 data are subject to some limitations primarily resulting from the relatively small sample used to develop the estimates and the use of divisional and company reports to extrapolate establishment based data. Precise measurement of these limitations based on estimates of the sampling errors is not available. In addition to the general limitations of M3 survey data, the estimated levels of unfilled orders are subject to further limitations due to the assumptions made in developing these levels, the definition of unfilled orders, and response

difficulties. These limitations are discussed in greater detail on pages i-iv in the introductory chapter of the latest benchmark publication mentioned above. Generally, the limitations to the unfilled orders data primarily apply to the absolute level of unfilled orders and, to a much lesser extent, to the month-to-month change in unfilled orders. Since this month-to-month change in unfilled orders is used to develop the monthly estimates of new orders, the estimates of new orders are subject to fewer limitations than the unfilled orders estimates.

EXPLANATION OF TERMS

Value of Shipments—Shipments in the monthly survey are equivalent to value of shipments as reported in the ASM which are received or receivable net selling values, f.o.b. plant, after discounts and allowances and excluding freight charges and excise taxes. Included in shipments are the value of all products sold, transferred to other plants of the same company, or shipped on consignment.

Shipments also include receipts of establishments in the industry for contract work performed for other, resales, receipts for miscellaneous activities such as the sale of scrap and refuse; value of installation and repair work performed by employees of the plant; and value of research and development performed at the plant. In the ship building industry the value of work done in a given year varies considerably from the value of shipments because of the long lead time between the input of the materials and labor and the shipments of the completed ship. In the annual survey, therefore, the value of work done during the year is requested rather than the value of shipments. Value of work done is also reported by aircraft and missile producers working on cost-plus contracts.

The value of shipments figures developed from the ASM contain duplication at the all manufacturing and industry group levels since the products of some industries are used as materials by other industries within the industry group. With the exception of motor vehicles, it is not significant at the 4-digit SIC group level. Since the M3-1 industry categories typically are groupings of industries, this duplication is significant for all the manufacturing, durable goods and nondurable goods categories and the various market groups. The significance of the duplication within the specific M3-1 industry groups varies depending on the 4-digit industry composition of these groups. It is most pronounced in a few highly integrated industry areas such as primary metals and motor vehicles and parts.

Since most monthly reports are for the entire company or major divisions rather than establishments, the companies are requested to report net sales, i.e., total company billings after discounts and allowances. Companies which file divisional reports are requested to treat transfers from the division of the company to another as if they were net sales to outside customers. Although this definition of shipments in the monthly reports differs from that used in the annual establishment reports, it is assumed that the month-to-month changes in company sales in the industry are representative of the month-to-month shipments of the establishments in the industry.

Inventories—End-of-month inventories in the monthly survey are identical in definition to the end-of-year inventories in the ASM. In the ASM, respondents are asked to report inventories of individual establishments at approximate current cost if feasible; otherwise, “at book values.” Since different methods of inventory valuation are used (LIFO, FIFO, etc.), the definition of the aggregate inventories for establishments in an industry is not precise. The figures on the change in inventories from one period to the next are of greater significance than the actual aggregates.

Inventories are reported by stage of fabrication: (a) finished goods; (b) work in process; and (c) materials, supplies, fuel, and other inventories. In using inventories by stage of fabrication at the all manufacturing and 2-digit industry levels as well as for the durable and nondurable goods sectors, it should be noted that a finished product of one industry may be a raw material for another industry at the next stage of fabrication. Insofar as the durable and nondurable goods sectors and also the 2-digit industry groups contain industries with successive stages of processing, the same type of commodity may be included under different inventory categories in the aggregate statistics.

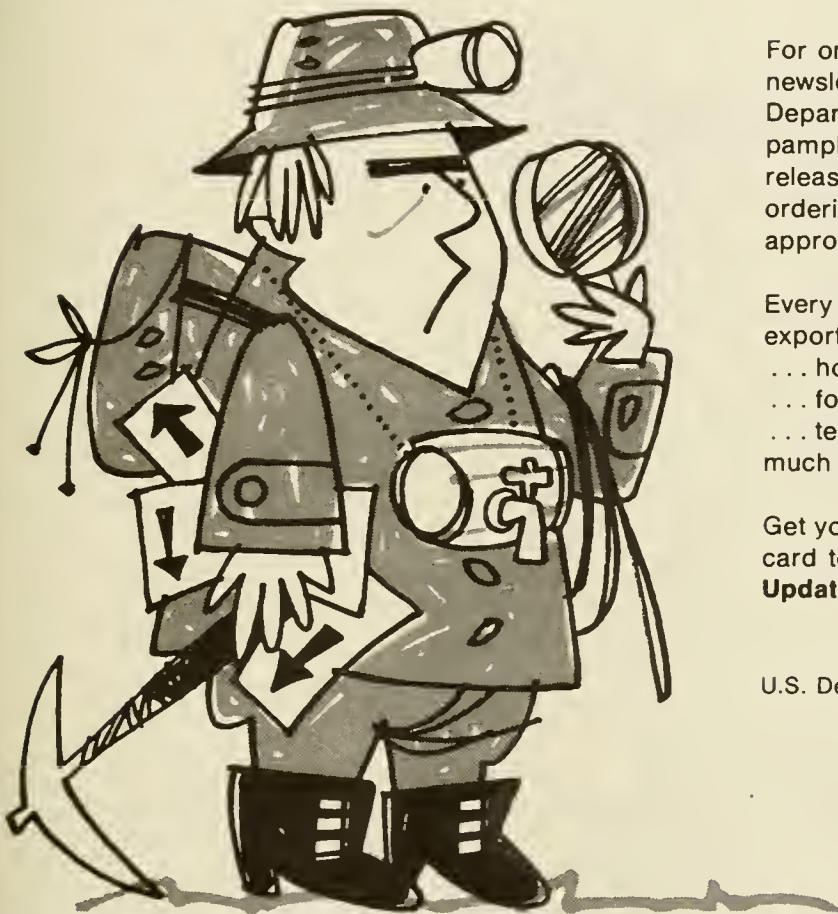
New Orders and Unfilled Orders—The unfilled orders shown in this publication represent the net sales value of goods on order which have not been shipped. They are net of cancellations and include all adjustments resulting from contract

change documents. Only those orders supported by binding legal documents such as signed contracts or letter contracts are included. Some large defense contracts are authorized and funded in several stages. Only the funded portion of such contracts are included in these figures.

New orders are not calculated according to the standard ratio estimate procedure, even though they are collected as a separate item. The reason for this is that not all companies report new orders, and some that do limit their reporting to specific products for which long lead times are required in the production cycle. These companies, in effect, exclude new orders received for products that are shipped from inventory. To take advantage of the higher response rate for shipments data and to include orders filled from inventory, new orders are computed by adding the change in the backlog of unfilled orders to the current month's shipments. Thus, the estimate of new orders includes orders that are received and filled in the same month as well as orders that have not yet been filled. The estimate also includes the effects of cancellations and modifications of previously existing contracts.

Seasonally adjusted new orders are similarly derived from the monthly change in the seasonally adjusted backlog of unfilled orders and seasonally adjusted shipments. Many nondurable goods industries and some durable goods industries have no backlog of unfilled orders. Shipments are used as the estimate of new orders in these industries.

TIRED OF HUNTING FOR THE INFORMATION YOU NEED?



Simplify your search with COMMERCE PUBLICATIONS UPDATE!

Tracking down needed information can be frustrating, expensive, and time consuming. If you're a user of Commerce Department publications, **Commerce Publications Update** can help.

For only \$17 a year, you'll get a handy biweekly newsletter announcing 100-200 new U.S. Department of Commerce publications, reports, pamphlets, charts, periodicals—even news releases. You'll get titles, prices, complete ordering instructions, and annotations where appropriate.

Every two weeks, you'll learn what we've issued on exporting . . . current economic indicators . . . housing starts . . . marketing . . . the weather . . . foreign economic trends . . . fisheries . . . telecommunications . . . population . . . and much more.

Get your information the easy way. Use the order card to subscribe to **Commerce Publications Update** today.

U.S. Department of Commerce

ORDER FORM To: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

Enclosed is \$ _____ ☐ check,
☐ money order, or charge to my
Deposit Account No.

_____-____

Order No. _____



Credit Card Orders Only

Total charges \$ _____ Fill in the boxes below.

Credit Card No. _____

Expiration Date _____
Month/Year

Please enter my subscription to COMMERCE PUBLICATIONS UPDATE (CPU) (File code 2-E)
at \$17 per year (Add \$4.25 for other than U.S. mailing)

Company Name

Individual's Name—First Last

Street address

City

State

ZIP Code

(or Country)

PLEASE PRINT OR TYPE

For Office Use Only

Quantity	Charges
Enclosed	
To be mailed	
Subscriptions	
Postage	
Foreign handling	
MMOB	
OPNR	
UPNS	
Discount	
Refund	

U.S. Department
of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233
Official Business
Penalty for Private Use, \$300



First Class Mail

